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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,986	01/31/2001	Ron Abraham Gut	AWR-048	4372

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1751 PINNACLE DRIVE
SUITE 500
MCLEAN, VA 22102-3833

EXAMINER

NGUYEN, HAU H

ART UNIT PAPER NUMBER

2676

DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/774,986

Applicant(s)

GUT ET AL.

Examiner

Hau H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-46 is/are pending in the application.
- 4a) Of the above claim(s) 3, 4, 12-42, 45 and 46 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1, 2, 5-11, 43 and 44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Response to Arguments

1. Applicant's arguments with respect to claims 1-2, 5-11, 43-44 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-2, 5-8, 10, 43, and 44 rejected under 35 U.S.C. 102(e) as being anticipated by Melen et al. (U.S. Patent No. 6,631,205).

Referring to claims 1-2, 5-8, 10, 43, and 44, as shown in Fig. 2, Melen et al. teach a system (100) for displaying a-stereoscopic image (204) represented in a portable document format encoded file (112) includes a computer-readable medium (108) for storing the encoded file (112), the encoded file (112) comprising at least two encoded component images (110A-B) combinable to form a stereoscopic image (204), the encoded component images (110A-B) further comprising stereoscopic indicators (302); an encoded file reader (118), coupled to the computer-readable medium (108), for identifying in the encoded file (112), responsive to the stereoscopic indicators (302), the at least two component images (110A-B) (first and second components); a stereoscopic imager (120), coupled to the encoded file reader (118), for

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combining the component images (110A-B) to create the stereoscopic image (204), and for displaying the stereoscopic image (204) on a stereoscopic display device (106); and an image cache (121), coupled to the encoded file reader (118), for storing a first component image (110A,B) while the encoded file reader (118) locates a second, counterpart component image (110A,B) (col. 3, lines 14-34). Details of locating the first component image and the second image is described in column 10, lines 51-67). Melen et al. further teaches in the case of the left component image 110A, the indicator 302, "/Stereo /Left", is used. Similarly, in the case of a right component image 110B, the indicator 302 is "/Stereo /Right" (component tags) (col. 9, lines 11-16).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 9 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Melen et al. (U.S. Patent No. 6,631,205) in view of Dekel et al. (U.S. Patent No. 6,314,452).

Referring to claims 9 and 11, as cited above, Melen et al. teach all the limitations of claims 9 and 11, except that the image file is a JPEG2000.

However, Dekel et al. teach a method of transmitting a digital image over a communication network, wherein with reference to Figs. 1 and 2, the ROI (region of interest) is formulated in step 203 by the client 110 into a request list that is sent to the server 120. Each

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such request corresponds to a data block. Upon receiving the ROI request list, the server 120 processes the requests according to their order. For each such request the server 120 checks if the corresponding data block already exists in the cache 121. If not, the server 120 then computes the data block, stores it in the cache 121 and immediately sends it to the client 110. Once a data block that was requested arrives at the client 110, it is inserted into the cache 111. At various points in time during the transfer process, a decision rule invokes a rendering of the ROI by the client 110 (col. 4, lines 62-67, and col. 5, lines 1-10). Delek et al. also teach the image format can be a JPEG2000 image (col. 1, lines 22-25).

Therefore, it would have been obvious to one skilled in the art to utilize the method as taught by Melen et al. in combination with the method as taught by Delek et al. in order to support several modes of progressive transmission: by accuracy, by resolution, and by spatial order (col. 2, lines 18-20).

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

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CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hau H. Nguyen whose telephone number is: 571-272-7787. The examiner can normally be reached on MON-FRI from 8:30-5:30.

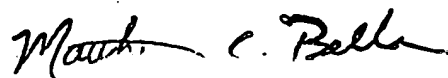
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on 571-272-7778.

The fax number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system contact the Electronic Business Center (EBC) at 866-2 17-9197 (toll-free).

H. Nguyen

06/27/2005



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